PTO/SB/08a (07-09)
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10/589,377-Conf. #7109

Complete if Known

August 14, 2006

Daniel J. Arriola

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Filing Date

Application Number

First Named Inventor

Substitute for form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

1796 Examiner Name J. S. Lenihan

63558D Attorney Docket Number

	U.S. PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( * known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Belevant Passages or Relevant Figures Appear					
***************************************	AA*	US-5,391,629	02-21-1995	Turner et al.						
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	ВА	WO-95/27746-A1	10-19-1995	Exxon Chemical Patents Inc		1
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	BC	WO-9834970-A	08-13-1998	Exxon Chemical Patents Inc		
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Date Examiner €ffrey Lenihan/ 06/07/2010 Signature

: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation on tin Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an location of the not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in a designation number (optional). \* See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. The the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign not in conformance and not \*EXAMINER: Initial an single asterisk (\*) next in the IFW. Applicant's considered. Include Enter Office that issued unique citation of the Emperor must the docume serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIP Applicant is to place a check mark here if English language Translation is attached.

l hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: October 21, 2009

Electronic Signature for Jennifer Adamson: /Jennifer Adamson/

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Su	Substitute for form 1449/PTO		Complete If Known		
				Application Number	10/589,377-Conf. #7109
	NFORMATION	V DISC	CLOSURE	Filing Date	August 14, 2006
ع ا	STATEMENT BY APPLICANT			First Named Inventor	Daniel J. Arriola
				Art Unit	1796
	(Use as many sheets as necessary)			Examiner Name	J. S. Lenihan
Sheet	2	of	8 .	Attorney Docket Number	63558D

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	AU.		11-09-2004	Tatarka et al	***************************************
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	ΔX*	LIS-20030216518	11-20-2003		
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	AH1*	US-2,973,344	02-28-1961	Fasce	
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		US 4420,070		Shihata et al	***************************************
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Francisco	Cito	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,					
Initials*	Examiner Cite Initials* No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (# known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>				
***********	-BG	WO 02014046 A1	05-50-5003	Bp Chem Int Ltd et al.						
		EP-0274980-A2	<del>07-20-1988</del> -	Mitsubishi Petrochemical Go	***************************************					
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	BL	JP-2004-204058A-A	07-22-2004	Mitsui Chemicals Inc						

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'EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'CITE NO.: Those application(s) which are marked with an single asterisk (') next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Sent Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Sent Codes that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark have if English language. Translation is entached.' possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sul	Substitute for form 1449/PTO		Complete If Known		
"	Substitute for form 1-400 10			Application Number	10/589,377-Conf. #7109
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l s	STATEMENT BY APPLICANT			First Named Inventor	Daniel J. Arriola
				Art Unit	1796
	(Use as many sheets as necessary)			Examiner Name	J. S. Lenihan
Sheet	3	of	8	Attorney Docket Number	63558D

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	<b>₩</b>	UC 5,783,531	67-21-1008	Androw et al.	
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	A	U3-0,006,202		Wickay et al.	
	AZ1*	US-2,997,432	08-22-1961	Kohle, et al.	
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Examiner Cite Initials* No.1	Cito	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages					
	Country Code <sup>s</sup> -Number <sup>4</sup> -Kind Code <sup>6</sup> (# known)	Date MM-DD-YYYY	Applicant of Cited Document	Or Relevant Figures Appear	T⁵					
		EP 4026484 A4	08-00-2000	Grand Polymor Co Ltd						
	DAI	WO 05/000426 A.1	00.20.2005	Dow Global Technologies Inc						
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation in not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IPW. \* Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if services the decrease the service of the patent document is appropriate symbols as indicated on the document under WIPO Standard ST.16 if services the decrease the service of the patent document is appropriate symbols as indicated on the document under WIPO Standard ST.16 if services the service of the patent document is appropriate symbols as indicated on the document under WIPO Standard ST.16 if services the service of the patent document is appropriate symbols as indicated on the document under WIPO Standard ST.16 if services the service of the patent document is appropriate symbols as indicated on the document under WIPO Standard ST.16 if services the service of the patent document is appropriate symbols. possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Complete if Known Substitute for form 1449/PTO Application Number 10/589,377-Conf. #7109 INFORMATION DISCLOSURE August 14, 2006 Filing Date Daniel J. Arriola STATEMENT BY APPLICANT First Named Inventor 1796 Art Unit (Use as many sheets as necessary) J. S. Lenihan Examiner Name 63558D Attorney Docket Number of Sheet

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	BW	EP-4701/1-A1	02-12-1992	Shell Oil Co		
	вх	EP-50/530-A1	09-02-1992	Shell Oil Co		L

Examiner Signature Date Considered 06/07/2010

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Substitute for Islan 1445/11/5	Application Number	10/589,377-Conf. #7109	
INFORMATION DISCLOSURE	Filing Date	August 14, 2006	
STATEMENT BY APPLICANT	First Named Inventor	Daniel J. Arriola	
	Art Unit	1796	
(Use as many sheets as necessary)	Examiner Name	J. S. Lenihan	
Sheet 5 of 8	Attorney Docket Number	63558D	

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	AY2*	US-5,270,276	12-14-1993	Job	
	AZ2*	US-5,278,410	12-14-1993	Job	
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	BY	WO-90/12816-A1	11-01-1990	Shell Oil Co		
	BZ	WO-91/00875-A1	01-24-1991	Shell Oil Co		
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Examiner Signature	/deffrey Lenihan/	Date Considered	06/07/2010

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<b>\</b>				Application Number	10/589,377-Conf. #7109		
<b>N</b> 11	<b>NFORMATION</b>	I DIS	SCLOSURE	Filing Date	August 14, 2006		
1	TATEMENT E	ЗҮ А	PPLICANT	First Named Inventor	Daniel J. Arriola		
				Art Unit	1796		
	(Use as many she	eets as	necessary)	Examiner Name	J. S. Lenihan		
Sheet	6	of	8	Attorney Docket Number	63558D		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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	/		<b>A</b>
Examiner Signature	/Jeffrey Lenihan/	Date Considered	06\07/2010

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Subs	Substitute for form 1449/PTO			Complete if Known		
0000	101 101111 144011 10			Application Number	10/589,377-Conf. #7109	
IN	FORMATION	I DIS	CLOSURE	Filing Date	August 14, 2006	
S	STATEMENT BY APPLICANT		First Named Inventor	Daniel J. Arriola		
				Art Unit	1796	
	(Use as many she	eets as I	necessary)	Examiner Name	J. S. Lenihan	
Sheet	7	of	8	Attorney Docket Number	63558D	

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Complete if Known Substitute for form 1449/PTO Application Number 10/589,377-Conf. #7109 August 14, 2006 INFORMATION DISCLOSURE Filing Date **ŞTATEMENT BY APPLICANT** Daniel J. Arriola First Named Inventor 1796 Art Unit (Use as many sheets as necessary) J. S. Lenihan Examiner Name 63558D Attorney Docket Number of Sheet

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	CU	JAC, 2004, 126, 10701 - 10712, Gibson et al	
	CV	Office Communication dated 13.05.2009 to Vereenigde from E <sup>A</sup> O; 2 pages	
	CW	Office Action dated 17.04.2008 to Vereenige from EPO; 3 pages.	
	сх	Response to Office Action dated January 19, 2009 from Vereenigde to EPO; regarding EPO office Action sent to Vereenigde dated April 17, 2008.	

Examiner Signature /Jeffrey Lenihan/ Considered 06/07/26	Tey Lemman/ Considered	00/01/2010

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